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Checklist of Ukrainian Trichoptera

Bronisław SZCZĘSNY & Roman GODUNKO

Abstract

A short historical review of caddisfly studies in the territory of Ukraine (in present state borders) and a list of the taxa cited in the literature are presented. 218 species/subspecies are now known from the territory and another 13 whose presence therein need confirmation.

Introduction

The list of papers concerning the distribution of Trichoptera in the Ukrainian territory in its present state borders is moderately long and contains at least ninety items edited in seven languages. Most of them are in Polish (32) and in Russian (22). The first information about the caddisflies from the territory was published by HAGEN (1858) and concerned *Limnephilus griseus* L. (under synonymic name *Goniotautilus fenestralis* CURT.) from the Crimean Peninsula. In the next year, an edited paper by Gustaw BELKE (1859) listed five taxa from the genus *Phryganea* collected in the vicinity of Kamieniec Podolski (West Ukraine, then a province of Austria named Ost-Galizien). One of them, under the name *Ph. inconspicua*, has now the status of *nomen dubium*.

In second half of the 19th century caddisflies in the West Ukraine were collected by M. Nowicki (identified by Dr. F. Brauer from Vienna) and also by J. Dziędzielewicz from Lvov. The latter author, passionate in entomology, studied caddis flies therein during a period of fifty years since 1867. The oldest data on caddis fly taxa distribution in the territory of Ost-Galizien (also on West-Galizien, now south-eastern territory of Poland) were for the first time gathered and critically commented on by DZIĘDZIELEWICZ (1891). He also did the last such summaries at the end of his life (DZIĘDZIELEWICZ 1919, 1920), which appeared after his death.

The caddis fly fauna in the territory of East Ukraine (to the East of the Dnister River) is best recognized only on the Crimean Peninsula thanks to the studies by A. V. MARTYNOV (1913, 1917, 1924, 1934) and by GRIGORENKO (1987).

Out of West Ukraine (the Ukrainian Carpathians including) and the Crimean Peninsula, caddisflies in other regions on large territory of Ukraine were never or only seldomly studied. The exception are the canals supplied with water from the Kachovski dam reservoir on the Dnepr River; SHEVTSOVA (1991) studied there aquatic stages of Trichoptera as a component of benthic invertebrates. Generally, the caddisfly fauna of the Ukraine is rather poorly recognized and its recognition, because of steadily growing antropopression on the aquatic environment, especially that of large rivers, becomes very essential. MALICKY (2005) also wrote about such a necessity in relation to the neighbouring Russian territory.

More detailed information on the caddisflies of the Ukraine, papers published and on misidentifications of taxa may be found in the Catalogue of Ukrainian Trichoptera elaborated by Szczęśny and Godunko which is now in press.

Materials

Both the Catalogue and the Checklist were compiled exclusively on the basis of the original published data.

Biogeography

For the purposes of the mentioned Catalogue and Checklist, the same general biogeographical division of Europe as those used in Limnofauna Europaea (electronic version: <http://www.faunaeur.org>) were adopted. According to that division the territory of Ukraine belongs to four main biogeographical regions: continental, alpine, pannonian and steppic (Fig. 1).

I. Continental Region – two zones are distinguished in the territory – a zone of mixed forest or *Polissia* (with six basic units – *oblasti*) and a zone of forest-steppe. The latter one according to Ukrainian regionalization is divided into four provinces: West Ukrainian (with 6 units), Dniester-Dnipro (8), Dnipro left bank (4) and Middle Russian (2 units respectively) (Fig. 2).

Adoption of this regionalization results in the inclusion of one unit of the West Ukrainian province – the Carpathian Foothills (= Cisscarpathians) which must be excluded from the Alpine Region i.e. from the East Carpathians. As a matter of fact, the territory has no mountainous character.

II. Alpine Region in the borders of the Ukraine covers only a part of the East Carpathians (EC) called Ukrainian Carpathians and a fragment of Moldavian-Muntenian Carpathians (Fig. 3). The detailed physical-geographical division of the mountains may be expressed by its own numerical code like other parts of Central Europe and West Europe in general geographical division. The number “52” denotes the EC, “522” the Outer EC, “523” the Inner EC and “524” the Moldavian-Muntenian Carpathians respectively (KONDRACKI, 1978). The Outer EC are formed of flysch rocks and the Inner EC of volcanic rocks.

III. Pannonian Region covers a fragment of Ukrainian territory named *Zakarpatska Nizovyna* i.e. a part of the Tisa River valley and some of its right effluents bordering with the Inner EC.

IV. Steppic Region covers the steppe northerly to the Black Sea and the Sea of Azov including the Crimean Peninsula. The Region corresponds to the steppic zone in Ukrainian division which is divided into three subzones: North (with four provinces), Middle and Arid (both equivalent of provinces), Crimean steppic province and Crimean Mts as *Kraina* (=land, territory) just like the Carpathians.

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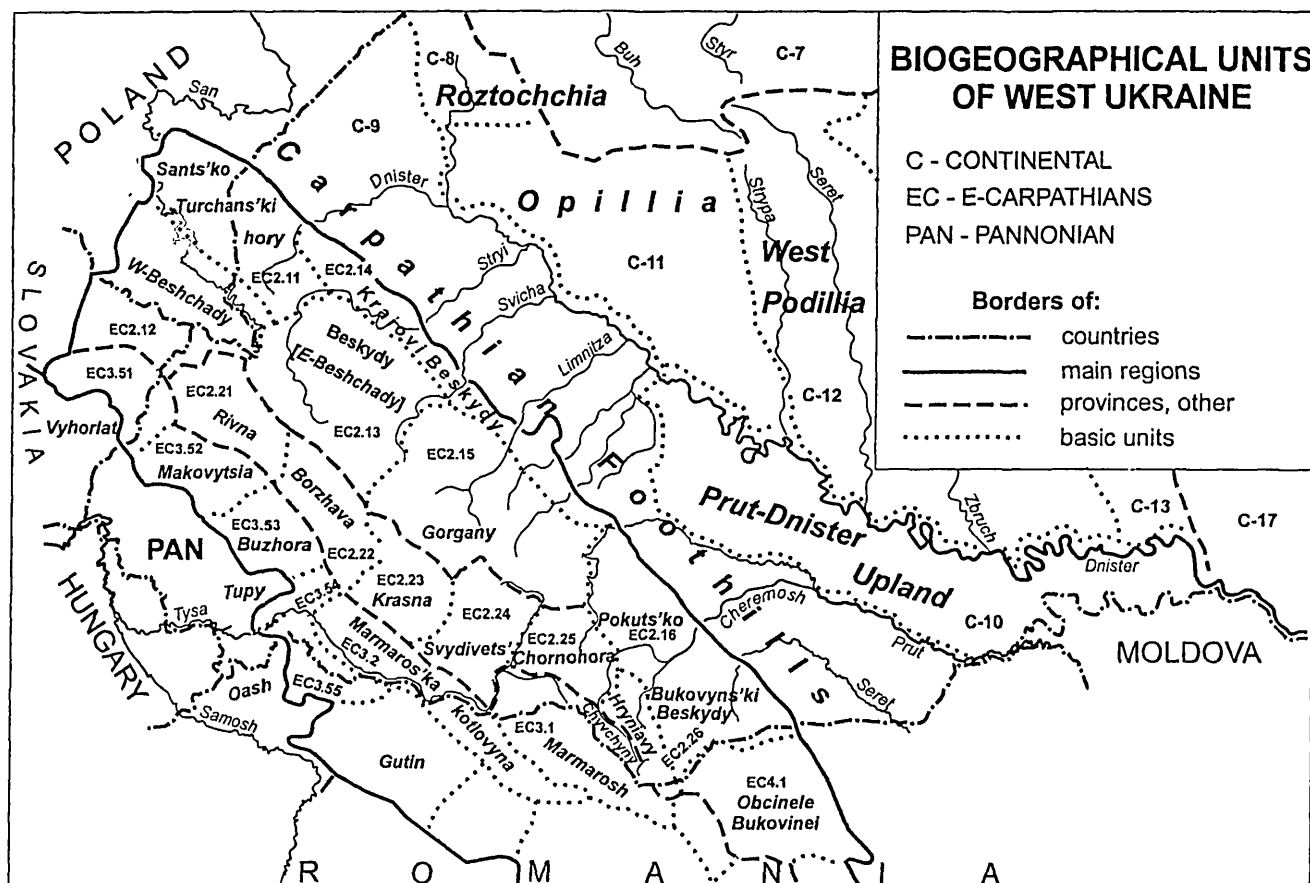
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Addresses of authors:

Bronisław Szczesny, Institute of Nature Conservation, Polish Academy of Sciences, 33 A. Mickiewicza Av., 31-120 Kraków, Poland.
E-mail: szczesny@iop.krakow.pl

Roman J. Godunko, State Museum of Natural History, National Academy of Sciences of Ukraine, Teatralna 18, 79008 Lviv, Ukraine



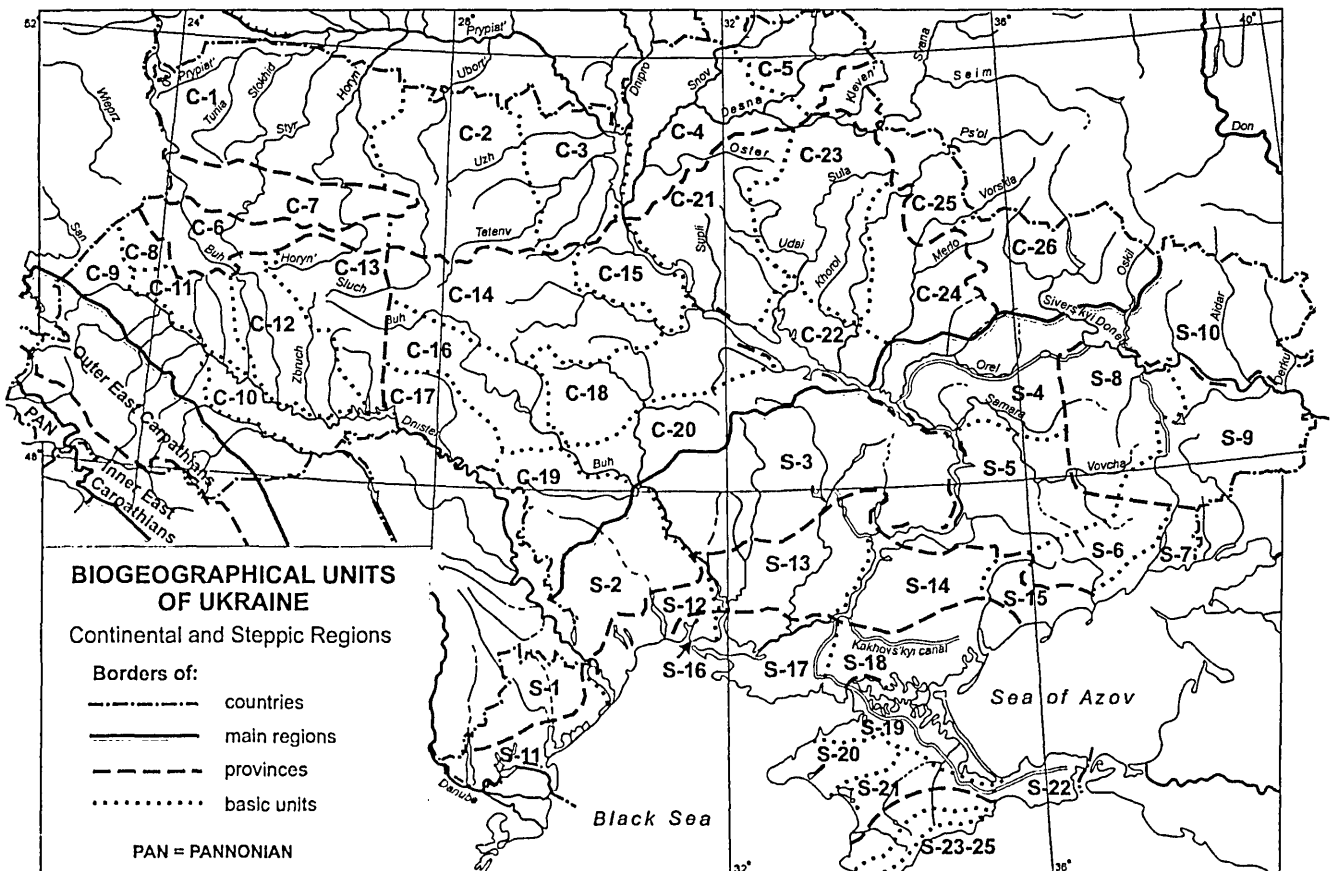


Table: Checklist of Ukrainian *Trichoptera*

Denotation: - presence of taxa in region(s) needs confirmation; = hybrids.

Main regions: C – Continental, EC – East Carpathians (EC2 – Outer EC, EC3 – Inner EC, EC4 – Moldavian-Muntanian EC), PAN – Pannonian, S – Steppe

Taxa	Cited from biogeographical units
Rhyacophilidae	
1. <i>Rhyacophila confinium</i> Botoş.	EC2.25
2. <i>Rhyacophila fasciata</i> Hag.	C-9, C-11, EC2.11, EC2.12, EC2.13, EC2.25, EC2.15, EC2.16, EC2.21, EC2.22, EC2.23, EC2.24, EC3.52, EC3.53, S-23/S-25(?)
3. <i>Rhyacophila flava</i> Klap.	EC2.25
4. <i>Rhyacophila glareosa</i> McL.	EC2.25
5. <i>Rhyacophila laevis</i> Pic.	EC2.13, EC2.15, EC2.25
6. <i>Rhyacophila mocsaryi</i> Klap.	EC2.12, EC2.13, EC2.15
7. <i>Rhyacophila nubila</i> Zett.	C-9, C-10, C-11, C-12, EC2.11, EC2.12, EC2.13, EC2.15, EC2.16, EC2.21, EC2.22, EC2.23, EC2.24, EC2.25, EC2.26, EC3.52, EC3.53, PAN
8. <i>Rhyacophila oblitterata</i> McL.	C-9, EC2.11, EC2.12, EC2.13, EC2.15, EC2.16, EC2.23, EC2.24, EC2.25, EC2.26
9. <i>Rhyacophila philopotamoides</i> McL.	EC2.13,, EC2.15, EC2.16, EC2.24, EC2.25,
10. <i>Rhyacophila polonica</i> McL.	EC2.11, EC2.13, EC2.14, EC2.15, EC2.16, EC2.24, EC2.25, EC2.26
11. <i>Rhyacophila torrentium</i> Pict.	EC2.15, EC2.25
12. <i>Rhyacophila tristis</i> Pict.	EC2.12, EC2.13, EC2.15, EC2.21, EC2.22, EC2.23, EC2.24, EC2.25, EC3.52, EC3.53
Glossosomatidae	
- <i>Agapetus fuscipes</i> Curt.	C-9(?)
13. <i>Agapetus delicatulus</i> McL.	EC2.12, EC2.15, EC2.16
14. <i>Agapetus laniger</i> Pict.	C-9
15. <i>Agapetus ochripes</i> Curt.	EC2.11, EC2.12, EC2.13, EC2.14, EC2.15, EC2.16, EC2.25
16. <i>Agapetus rectigonopoda</i> Botos.	C-9
17. <i>Glossosoma boltoni</i> Curt.	C-9, EC2.13, EC2.15, EC2.25, S-3, S-13
18. <i>Glossosoma conformis</i> Neb.	C-9, EC2.12, EC2.13, EC2.15, EC2.24, EC2.25
19. <i>Glossosoma intermedium</i> (Klap.)	EC2.15
20. <i>Synagapetus ajpetriensis</i> (Mart.)	S-24, S-25
21. <i>Synagapetus armatus</i> (McL.)	EC2.13, EC2.15, EC2.16, EC2.24, EC2.25
22. <i>Synagapetus iridipennis</i> McL.	EC2.13, EC2.15
Ptilocolepidae	
- <i>Ptilocolepus granulatus</i> (Pict.)	EC2.15(?), PAN(?)
Hydroptilidae	
- <i>Agraylea multipunctata</i> Curt.	C-9(?), S-3(?), S-13(?)
23. <i>Agraylea sexmaculata</i> Curt.	C-9, EC2.15, EC2.16, S-19, S-20, S-21, S-22, S-23, S-24, S-25
24. <i>Allotrichia pallicornis</i> (Eat.)	EC2.16, EC2.24
25. <i>Hydroptila aegyptia</i> Ulmer	S-19, S-23
26. <i>Hydroptila angustata</i> Mos.	S-19, S-20, S-21, S-22, S-23, S-24, S-25
27. <i>Hydroptila brissaga</i> Mal.	EC2.15, EC2.16
28. <i>Hydroptila cornuta</i> Mos.	S-23

29. *Hydroptila forcipata* Eat. C-9, C-10, EC2.12, EC2.15, EC2.16, EC2.24, EC2.25, EC3.2, S-23
30. *Hydroptila ivisa* Mal. EC2.15, EC2.25, EC2.26
31. *Hydroptila lotensis* Mos. C-9, C-10, C12, C-13, EC2.16, EC2.24
32. *Hydroptila occulta* (Eat.) EC2.15, EC2.16, EC2.24
33. *Hydroptila sparsa* Curt. C-9, C-10
34. *Hydroptila taurica* Mart. S-24?
35. *Hydroptila tineoides* Dal. C-9, C-10, EC2.15, EC2.16, S-23
36. *Hydroptila vectis* Curt. C-9, C-10, S-23, S-24, S-25
- *Orthotrichia angustella* (McL.) C-8(?)
37. *Ithytrichia lamellaris* Eat. C-9, C-10, EC2.12
38. *Orthotrichia costalis* (Curt.) C-8, C-9, C-10, S-3, S-13, S-19, S-20, S-21, S-22, S-23
39. *Orthotrichia tragetti* MOS. C-9, C-10
40. *Oxyethira falcata* Mort. S-21, S-23, S-25
- *Oxyethira ecornuta* Mort. S-3(?), S-13(?)
41. *Oxyethira flavicornis* (Pict.) C-8, C-9, C-10, S-23

Philopotamidae

42. *Philopotamus ludificatus* McL. EC2.13
43. *Philopotamus montanus* (Don.) EC2.15, EC2.16, EC2.24, EC2.25
44. *Philopotamus variegatus* (Scop.) EC2.15, EC2.16, EC2.25
45. *Wormaldia occipitalis* (Pict.) C-9, EC2.13, EC2.15, EC2.16, EC2.24, EC2.25
46. *Wormaldia pulla* (McL.) EC2.15

Ecnomidae

47. *Ecnomus tenellus* (Ramb.) C-8, C-9, EC2.21, EC2.22, EC2.23, EC2.24, EC3.52, EC3.53, S-3, S-4, S-13, S-17, S-18, S-19, S-20, S-21, S-22, S-23, S-24

Polycentropodidae

48. *Cyrnus crenaticornis* (Kol.) C-8, C-9, C-12
49. *Cyrnus flavidus* McL. C-8, C-11, C-12
50. *Cyrnus trimaculatus* (Curt.) EC2.16, S-21, S-23, S-25
51. *Holocentropus dubius* (Ramb.) C-8, C-9, C-10
52. *Holocentropus picicornis* (Steph.) C-8, C-9, C-10, C-12
53. *Holocentropus stagnalis* (Alb.) S-2
54. *Neureclipsis bimaculata* (L.) C-8, C-9, C-10
55. *Plectrocnemia brevis* McL. C-9, EC2.15, EC2.16
56. *Plectrocnemia conspersa* (Curt.) C-6, C-8, C-9, C-11, C-12, EC2.15, EC2.16, EC2.24, EC2.25
57. *Plectrocnemia intermedia* Mart. S-23, S-24, S-25
58. *Polycentropus excisus* Klap. EC2.15
59. *Polycentropus flavomaculatus* (Pict.) C-8, C-9, EC2.11, EC2.12, EC2.15, EC2.16, EC2.21, EC2.22, EC2.23, EC2.24, EC3.52, EC3.53, PAN
60. *Polycentropus irroratus* (Curt.) C-7, C-8, C-9, EC2.21, EC2.22, EC2.23, EC2.24, EC3.52, EC3.53
61. *Polycentropus schmidi* Nov. & Botoş. EC2.15

Psychomyiidae

62. *Lype phaeopa* (Steph.) C-8, C-9, S-23, S-24, S-25
63. *Lype reducta* (Hag.) C-9, C-10
64. *Psychomyia pusilla* (Fabr.) C-9, EC2.12, EC2.15, EC2.16, EC2.21, EC2.22, EC2.23, EC2.24, EC2.25, EC3.52, EC3.53, PAN
- *Tinodes curvatus* Mart. EC(?)
65. *Tinodes rostocki* McL. EC2.15
66. *Tinodes valvatus* Mart. S-24, S-25

Hydropsychidae

67. *Cheumatopsyche lepida* (Pict.) C-9, C-10, EC2.12
 68. *Hydropsyche acuta* Mart. S-19, S-21, S-23, S-24, S-25
 69. *Hydropsyche angustipennis* (Curt.) C-8, C-9, C-11, EC2.11, EC2.21, EC2.22, EC2.23, EC2.24, EC3.52, EC3.53, S-4, S-8, S-17, S-18, S-19, S-21, S-22
 70. *Hydropsyche botosaneanui* Mar.– Gosp. EC2.15, EC2.25, EC2.26
 71. *Hydropsyche bulbifera* McL. C-9, C-11, C-12, EC2.21, EC2.22, EC2.23, EC2.24, EC3.52, EC3.53, PAN
 72. *Hydropsyche bulgaromanorum* Mal. S-11, S-17, S-18, S-19, S-21, S-22
 73. *Hydropsyche contubernalis* McL. C-8, C-9, C-11, C-12, EC2.11, EC2.21, EC2.22, EC2.23, EC2.24, EC3.2, EC3.52, EC3.53, PAN, S-17, S-18, S-19, S-21, S-22, S-23
 - *Hydropsyche contub. borealis* Mart. C-26, S-4, S-8, S-9, S-10
 - *Hydropsyche contub. iranica* Mal. S-21/S-25(?)
 - *Hydropsyche contub. masovica* Mal. C-1, C-3(?), C-7(?)
 - *Hydropsyche fulvipes* (Curt.) C-9, C-12, EC2.15, EC2.16
 74. *Hydropsyche incognita* Pitsch C-9, C-10, C-12, EC2.11, EC2.12, EC2.13, EC2.15, EC2.16, EC2.24, EC2.25, EC2.26, PAN
 75. *Hydropsyche instabilis* (Curt.) C-9, EC2.11, EC2.12, EC2.13, EC2.15, EC2.16, EC2.24, S-23/S-25(?)
 76. *Hydropsyche modesta* Navás C-6, C-9, C-10, PAN
 77. *Hydropsyche ornatula* McL. C-9, C-10
 78. *Hydropsyche pellucidula* (Curt.) C-9, C-10, C-11, C-12, EC2.11, EC2.14, EC2.15
 79. *Hydropsyche saxonica* McL. C-9, C-10, EC2.12, EC2.13, EC2.15, EC2.16, EC2.25
 80. *Hydropsyche silfvenii* Ulmer EC2.15, EC2.25
 81. *Hydropsyche tabacarui* Botoş. EC2.15, EC2.24

Phryganeidae

82. *Agrypnia obsoleta* (Hag.) C-8
 83. *Agrypnia pagetana* Curt. C-6, C-8, C-9, C-11, C-12, S-22
 84. *Agrypnia varia* (Fabr.) C-8, C-9, C-12
 85. *Hagenella clathrata* (Kol.) C-6, C-8, C-9
 86. *Oligostomis reticulata* (L.) C-6, C-8, C-9, C-11, C-12
 87. *Oligotricha striata* (L.) C-8, C-9, C-11, EC2.24, EC2.25
 88. *Phryganea bipunctata* Retz. C-6, C-8, C-9, C-12
 - *Phryganea grandis ochrida* Mal. S-22, S-23
 89. *Phryganea grandis* L. C-6, C-8, C-9, C-12, C-15, C-21
 90. *Trichostegia minor* (Curt.) C-6, C-8, C-9, C-11, S-24

Brachycentridae

91. *Brachycentrus maculatus* (Four.) C-9, EC2.15, EC2.16
 92. *Brachycentrus montanus* Klap. C-9, EC2.12, EC2.15, EC2.16, EC2.21, EC2.22, EC2.23, EC2.24, EC2.25, EC2.26, EC3.52, EC3.53
 93. *Brachycentrus subnubilus* Curt. C-9, C-10, C-11, EC2.21, EC2.22, EC2.23, EC2.24, EC3.52, EC3.53, PAN
 94. *Micrasema minimum* McL. EC2.24, EC2.25
 95. *Micrasema setiferum* (Pict.) C-9, EC2.12, EC2.13

Goeridae

96. *Goera pilosa* (Fabr.) C-9, C-10, C-11, C-12, EC2.11, EC2.14, EC2.15, EC2.25
 97. *Lithax niger* (Hag.) EC2.13, EC2.15, EC2.16, EC2.25
 98. *Lithax obscurus* (Hag.) EC2.15, EC2.25
 99. *Silo alupkensis* Mart. S-23, S-24, S-25

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| 100. <i>Silo graellsii</i> Ed. Pict. | EC2.13, EC2.15, EC2.24, EC2.25 |
| 101. <i>Silo nigricornis</i> (Pict.) | EC2.13, EC2.15 |
| 102. <i>Silo pallipes</i> (Fabr.) | C-9, C-11, EC2.12, EC2.13, EC2.16 |
| 103. <i>Silo piceus</i> (Brau.) | C-9, EC2.12, EC2.15, EC2.25 |

Lepidostomatidae

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| 104. <i>Crunoecia irrorata</i> (Curt.) | C-9, C-11, EC2.15 |
| 105. <i>Lepidostoma basale</i> (Kol.) | C-11, C-12, EC2.15, EC2.16, EC2.25 |
| 106. <i>Lepidostoma hirtum</i> (Fabr.) | C-9, C-10, C-11, C-12, EC2.12, EC2.15, S-24, S-25 |

Limnephilidae

Dicosmoecinae

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|--------------------------------------|-----------|
| 107. <i>Ironoquia dubia</i> (Steph.) | C-9, C-10 |
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Apataniinae

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| 108. <i>Apatania carpathica</i> Schmid | EC2.13, EC2.15, EC2.25 |
| 109. <i>Apatania irinae</i> Grig. | S-23, S-24, S-25 |

Drusinae

- | | |
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| 110. <i>Drusus brunneus</i> Klap. | EC2.13, EC2.15, EC2.24, EC2.25 |
| 111. <i>Drusus carpathicus</i> Dziędz. | EC2.15, EC2.24, EC2.25 |
| 112. <i>Drusus discolor</i> (Ramb.) | EC2.13, EC2.15, EC2.25 |
| 113. <i>Drusus monticola</i> McL. | EC2.25 |
| 114. <i>Drusus trifidus</i> McL. | C-9, EC2.15, EC2.16, EC2.23, EC2.25 |
| 115. <i>Ecclisopteryx dalecarlica</i> Kol. | C-9, EC2.12, EC2.15, EC2.16, EC2.25, EC2.26 |
| 116. <i>Ecclisopteryx madida</i> (McL.) | C-9, EC2.11, EC2.12, EC2.13, EC2.14, EC2.15, EC2.16, EC2.25 |

Limnephilini

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| 117. <i>Anabolia brevipennis</i> (Curt.) | C-6, C-8, C-9, C-11, EC2.15 |
| 118. <i>Anabolia concentrica</i> (Zett.) | C-8, C-9, EC2.15, EC2.16 |
| 119. <i>Anabolia furcata</i> Brau. | C-8, C-9, EC2.12, EC2.13, EC2.15 |
| 120. <i>Anabolia laevis</i> (Zett.) | C-6, C-8, C-9, C-10, C-11, C-12, C-15, C-21, EC2.13 |
| 121. <i>Glyphotaelius pellucidus</i> (Retz.) | C-6, C-8, C-9, C-10, C-11, C-12, EC2.15(?), S-24 |
| 122. <i>Grammotaulius nigropunctatus</i> (Retz.) | C-6, C-8, C-9, C-10, C-11, C-12, EC2.15, EC2.23, EC2.24, S-22, S-24 |
| 123. <i>Grammotaulius nitidus</i> (Müll.) | C-3, C-4, C-9, C-13, PAN, S-19/S-25(?) |
| 124. <i>Limnephilus affinis</i> Curt. | C-8, C-9, C-12, EC2.15, EC2.25, S-18, S-19, S-20, S-21, S-22, S-23, S-24, S-25 |
| 125. <i>Limnephilus auricula</i> Curt. | C-8, C-9, C-10, C-11, EC2.15, EC2.24, EC2.25, S-23, S-24, S-25 |
| 126. <i>Limnephilus binotatus</i> Curt. | C-8, C-9, C-10, C-11, C-12 |
| 127. <i>Limnephilus bipunctatus</i> Curt. | C-8, C-9, C-10, C-11, C-12, EC2.15, EC2.23, EC2.24, S-23, S-24, S-25 |
| 128. <i>Limnephilus coenosus</i> Curt. | EC2.15, EC2.25 |
| 129. <i>Limnephilus decipiens</i> (Kol.) | C-8, C-9, C-10, C-11, C-12, EC2.15, EC2.16, EC2.25, S-25 |
| 130. <i>Limnephilus dispar</i> McL. | C-8 |
| 131. <i>Limnephilus extricatus</i> McL. | C-6, C-8, C-9, C-10, C-11, C-12, EC2.15, EC2.25 |
| 132. <i>Limnephilus flavicornis</i> (Fabr.) | C-8, C-9, C-10, C-11, C-12, EC2.15, EC2.16, EC2.25, S-23, S-24, S-25 |
| 133. <i>Limnephilus flavospinosus</i> (Stein) | C-3, C-4, S-2, S-12, S-25 |
| 134. <i>Limnephilus fuscicornis</i> (Ramb.) | C-6, C-8, C-9, C-10, C-11, EC2.23(?) |
| 135. <i>Limnephilus fuscinervis</i> (Zett.) | C-15, C-21, EC2.15, EC2.16 |
| 136. <i>Limnephilus germanus</i> McL. | EC2.15 |

137. <i>Limnephilus griseus</i> (L.)	C-6, C-8, C-9, C-10, C-11, C-12, EC2.15,, EC2.16, EC2.24, EC2.25, S-19, S-20, S-21, S-22, S-23, S-24, S-25
138. <i>Limnephilus hirsutus</i> (Pict.)	C-8, C-9, S-23, S-24, S-25
139. <i>Limnephilus ignavus</i> McL.	C-8, C-9, C-10, C-11, C-12, EC2.15, EC2.25
140. <i>Limnephilus incisus</i> Curt.	C-9, C-12
- <i>Limnephilus marmoratus</i> Curt.	C-9(?)
141. <i>Limnephilus lunatus</i> Curt.	C-6, C-8, C-9, C-10, C-11, C-12, S-23, S-24, S-25
142. <i>Limnephilus nigriceps</i> (Zett.)	C-6, C-8, C-9, C-10, C-11, C-12, EC2.15(?), EC2.24
143. <i>Limnephilus politus</i> McL.	C-8, C-9, C-15, C-21
144. <i>Limnephilus rhombicus</i> (L.)	C-6, C-8, C-9, C-10, C-11, C-12, EC2.15, EC2.16
145. <i>Limnephilus sericeus</i> (Say)	C-9
146. <i>Limnephilus sparsus</i> Curt.	C-6, C-8, C-9, C-10, C-11, C-12, EC2.15, EC2.24, EC2.25
147. <i>Limnephilus stigma</i> Curt.	C-6, C-8, C-9, C-10, C-11, C-12, EC2.15
148. <i>Limnephilus subcentralis</i> Brau.	C-6, C-8, C-11, C-12
149. <i>Limnephilus vittatus</i> (Fabr.)	C-6, C-8, C-9, C-10, C-11, C-12, EC2.24, EC2.25, S-23, S-24, S-25
150. <i>Nemotaulius punctatolineatus</i> (Retz.)	C-6, C-8, C-11, C-12
151. <i>Rhadicoleptus alpestris</i> <i>sylyanocarpaticus</i> Botoş.& Ried.	C-8, C-9, EC2.15, EC2.24, EC2.25
Chaetopterygini	
152. <i>Annitella chomiacensis</i> (Dziędz.)	EC2.12, EC2.13, EC2.15, EC2.24, EC2.25
153. <i>Annitella chomiacensis</i> <i>lateropducta</i> (Botoş.)	EC2.24, EC2.25
= <i>Annitella</i> "dziedzielewiczi" Schm.	EC2.25
= <i>Annitella</i> "kosciuszki" Klap.	EC2.15, EC2.25
154. <i>Annitella obscurata</i> (McL.)	EC2.12, EC2.13, EC2.15, EC2.24, EC2.25
155. <i>Chaetopteryx polonica</i> Dziędz.	EC2.13, EC2.15, EC2.16, EC2.25, EC2.26
156. <i>Chaetopteryx sahlbergi</i> McL.	C-9, C-11, EC2.11(?), EC2.12, EC2.13, EC2.15, EC2.25
157. <i>Chaetopteryx subradiata</i> Klap.	EC2.11, EC2.13, EC2.15, EC2.25
158. <i>Chaetopteryx villosa</i> (Fabr.)	C-8, C-9, EC2.25
159. <i>Psilopteryx psorosa carpathica</i> Schmid	EC2.12, EC2.13, EC2.15, EC2.16,, EC2.25, EC2.26
Stenophylacini	
160. <i>Acrophylax vernalis</i> Dziędz.	EC2.25
161. <i>Allogamus auricollis</i> (Pict.)	EC2.12, EC2.13, EC2.15, EC2.25
162. <i>Allogamus dacicus</i> (Schmid)	EC2.25
163. <i>Allogamus uncatus</i> (Brau.)	EC2.13, EC2.15, EC2.25, EC2.26
164. <i>Chionophylax czarnohoricus</i> (Dziędz.)	EC2.24, EC2.25
165. <i>Halesus digitatus</i> (Schr.)	C-8, C-9, C-10, C-11, C-12, EC2.11, EC2.12, EC2.13, EC2.14, EC2.15, EC2.25
166. <i>Halesus tessellatus</i> (Ramb.)	C-8, C-9, C-10, C-11, C-12, EC2.11, EC2.12, EC2.14, EC2.15, EC2.23(?), S-23, S-24, S-25
167. <i>Hydatophylax infumatus</i> (McL.)	EC2.15(?), EC2.25
168. <i>Isogamus aequalis</i> (Klap.)	EC2.13, EC2.15, EC2.16, EC2.25
169. <i>Isogamus czarnohorensis</i> (Dziędz.)	EC2.25
170. <i>Melampophylax nepos</i> <i>triangulifera</i> Botoş.	EC2.13, EC2.15, EC2.25, EC2.26
171. <i>Micropterna lateralis</i> (Steph.)	EC2.15, EC2.24, EC2.25
172. <i>Micropterna nycterobia</i> McL.	C-9, EC2.13, EC2.15, EC2.24, EC2.25, S-23, S-24, S-25
173. <i>Micropterna taurica</i> Mart.	S-23, S-24, S-25
174. <i>Micropterna testacea</i> (Gmel.)	C-9

175. *Parachiona picicornis* (Pict.) C-8, C-9, C-10, C-11, EC2.15, EC2.24, EC2.25
176. *Potamophylax carpathicus* (Dziędz.) EC2.15, EC2.24, EC2.25
177. *Potamophylax cingulatus depilis* Szcz. C-9, EC2.12, EC2.13, EC2.15, EC2.16, EC2.21, EC2.22, EC2.23, EC2.24, EC2.25, EC3.52, EC3.53
178. *Potamophylax latipennis* (Curt.) C-9, EC2.11, EC2.12, EC2.13, EC2.14, EC2.15, EC2.16, EC2.21, EC2.22, EC2.23, EC2.24, EC2.25, EC2.26, EC3.52, EC3.53
179. *Potamophylax luctuosus* (Pill. & Mitt.) C-9, C-11, EC2.11, EC2.12, EC2.13, EC2.15
180. *Potamophylax nigricornis* (Pict.) C-8, C-9, C-11, EC2.15, EC2.16, EC2.25
181. *Potamophylax rotundipennis* (Brau.) C-9, C-11, EC2.11(?)
182. *Stenophylax meridiorientalis* Mal. C-9, C-11, EC2.23(?), EC2.25, S-23, S-24, S-25
183. *Stenophylax permistus* McL. C-8, C-9, C-11, EC2.15, EC2.16, EC2.23, EC2.25, S-23, S-24, S-25

Sericostomatidae

184. *Notidobia ciliaris* (L.) C-6, C-8, C-9, C-10, C-11, EC2.11, EC2.13, EC2.21, EC2.22, EC2.23, EC2.24, EC3.52, EC3.53
185. *Sericostoma personatum* (Spence) C-8, C-9, C-10, C-11, C-12, EC2.15
186. *Sericostoma schneideri* (Kol.) C-9, EC2.12, EC2.13, EC2.15, EC2.16, EC2.21, EC2.22, EC2.23, EC2.24, EC2.25, EC3.52, EC3.53

Odontoceridae

187. *Odontocerum albicorne* (Scop.) C-9, EC2.12, EC2.13, EC2.15, EC2.16, EC2.21, EC2.22, EC2.23, EC2.24, EC3.52, EC3.53

Molannidae

188. *Molana angustata* Curt. C-9, C-15, C-21
189. *Molannodes tinctus* (Zett.) EC2.15, EC2.16

Beraeidae

190. *Beraea pullata* (Curt.) C-8, C-9, C-11, C-12, EC2.13, EC2.15, EC2.24, EC2.25
191. *Beraeodes minutus* (L.) C-9, EC2.25
192. *Ernodes articularis* (Pict.) EC2.15, EC2.16

Leptoceridae

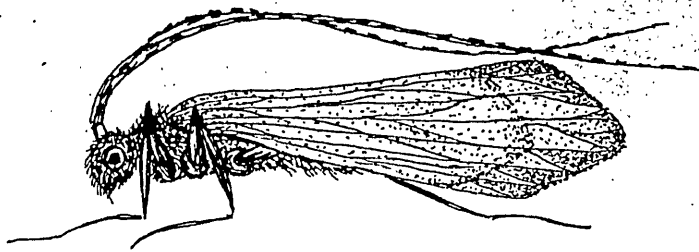
193. *Adicella filicornis* (Pict.) EC2.24, EC2.25
194. *Adicella reducta* (McL.) EC2.15
195. *Athripsodes albifrons* (L.) C-8, C-9, EC2.12, EC2.13, S-23, S-24, S-25
196. *Athripsodes aterrimus* (Steph.) C-8, C-9, C-11, C-12, EC2.15, EC2.16, PAN
197. *Athripsodes bilineatus* (L.) C-9, EC2.15, EC2.16
198. *Athripsodes cinereus* (Curt.) C-9, C-12, PAN
199. *Athripsodes commutatus* (Rost.) C-9, EC2.12, EC2.15, EC2.16, EC3.1
200. *Ceraclea albimacula* (Ramb.) C-9, C-10
- *Ceraclea aurea* (Pict.) C-8(?), C-12(?)
201. *Ceraclea annulicornis* (Steph.) C-9, C-10, EC2.12
202. *Ceraclea dissimilis* (Steph.) C-9, C-10
203. *Ceraclea fulva* (Ramb.) C-12
204. *Ceraclea ramburi* Morse C-9
- *Ceraclea nigronevosa* (Retz.) C-6(?)
205. *Ceraclea senilis* (Burm.) C-8
206. *Leptocerus tineiformis* Curt. C-3, C-4, C-9, S-23

207. <i>Mystacides azurea</i> (L.)	C-9, EC2.15, EC3.1, S-23, S-24, S-25
208. <i>Mystacides longicornis</i> (L.)	C-3, C-4, C-8, C-9, C-10, C-12, S-3, S-13
209. <i>Mystacides nigra</i> (L.)	C-8, C-9, C-12, EC2.15, EC2.16, S-3, S-13
210. <i>Oecetis furva</i> (Ramb.)	C-8, C-9, C-12, S-19/S-22(?)
211. <i>Oecetis intima</i> McL.	S-19, S-20, S-21, S-22
212. <i>Oecetis lacustris</i> (Pict.)	C-9, C-10, S-19/S-25(?)
213. <i>Oecetis notata</i> (Ram.)	EC2.25, EC2.26, EC3.2
214. <i>Oecetis ochracea</i> (Curt.)	C-3, C-4, C-8, C-11, C-12, S-19, S-20, S-21, S-22, S-23, S-24, S-25
215. <i>Setodes punctatus</i> (Fabr.)	C-9, C-10, C-12
216. <i>Trienodes bicolor</i> (Curt.)	C-6(?), C-8, C-9, C-10, C-11, C-12
217. <i>Ylodes reuteri</i> (McL.)	S-23
218. <i>Ylodes simulans</i> (Tjed.)	C-9, C-12(?)



Collegiate Peaks Anglers Chapter, Trout Unlimited Presents Their

Annual Caddis Festival Banquet & Auction



Saturday, May 5, 2007

Chaffee County Fairgrounds, Poncha Springs, Colorado

5:00 PM	Doors Open: Cocktails, Music, Viewing of Silent & Live Auction Items (art, books, fishing gear, trips & other great stuff!) Bucket & Special Raffles.
7:00 PM	Three Entrée Catered Dinner Buffet by VARIATIONS
8:00 PM	Live Auction
For Tickets	(\$20 advance -- \$25 at door) or More Information
Contact:	Larry Bussey 719-539-4040 rogerbussey@aol.com

This year we awarded \$6000 in scholarships. Wrote and received \$210,000 in grants for acid mine waste clean up in Leadville, habitat improvement on Maxwell Creek, South Fork of Hayden Creek and South Cottonwood Creek; contributed over 3000 volunteer hours to youth education and Resource preservation and improvement. See our website for many more projects, educational activities, monthly meetings and banquet information.

*****www.collegiatepeaksanglersstu.org*****

This is not the invitation to our Trichoptera Symposium!